

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20070069003").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 13:59
L2	7	(teruie same takemasu). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 13:59
L3	2	(ichiki same terashima). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 14:00
L4	392	(83/686).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:00
L5	23	4 and vibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 14:01
L6	1754	(83/684-689).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:07
L7	35	(6 and vibrat\$4) not 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 14:07
L8	10	("1716414" "3640167" "3700150" "3739669" "5156076").PN. OR ("5413018").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:14
L9	16	("3107567" "3211034" "3700150" "3765285" "4524660" "4653365" "5042336" "5253559" "5320013" "5413018" "5448933" "Re34602").PN. OR ("5692423").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:18
L10	0	(masuzawa and takahisa and hayashi and kazuyuki and miyashita and kinya).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:35
L11	5	(masuzawa same takahisa).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:35
L12	1	(watabe same masatoshi).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:36
L13	0	(nishimoto same eiji).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:36

L14	0	(hachikawa same shuichi).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:37
L15	0	6 and hertz	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:45
L16	29	6 and frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:45
L17	12	6 and ultrasonic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:48
L18	371	(83/684).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 15:23
L19	632	(83/685).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 15:42
L20	616	19 not 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 15:42
L21	987	20 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:13
L22	392	(83/686).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 16:13
L23	326	22 not 21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:14
L24	1313	23 21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:29
L25	383	(83/687).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 16:29
L26	296	25 not 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:29
L27	1609	26 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:34
L28	60	(83/688).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 16:35
L29	46	28 not 27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:35

L30	1655	29 27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:35
L31	165	(83/689).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 16:35
L32	99	31 not 30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:35
L33	1754	32 30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:37
L34	659	ultrasonic same punch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:40
L35	12	((("20040061247") or ("3634916") or ("4516301") or ("4379686") or ("3970023") or ("3728062") or ("3584101") or ("4051754") or ("3716438") or ("4733519"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 17:22
L36	192	(vibration same punch) and "83".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 17:26
L37	280	(kawamura same toshio). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 17:50
L38	17	37 and press	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 17:50

L39	43	(US-20070069003-\$ or US-20040168559-\$ or US-20040112188-\$ or US-20060060046-\$ or US-20010006016-\$ or US-20040149115-\$).did. or (US-6598505-\$ or US-6305258-\$ or US-3974728-\$ or US-5413018-\$ or US-5320013-\$ or US-5692423-\$ or US-5448933-\$ or US-3583266-\$ or US-4007653-\$ or US-6240818-\$ or US-7024978-\$ or US-7343770-\$ or US-RE37323-\$ or US-6880441-\$ or US-3683736-\$ or US-3634916-\$ or US-6370931-\$).did. or (US-2369896-\$ or US-2404793-\$).did. or (WO-2005039800-\$).did. or (JP-56056604-\$ or JP-56165527-\$ or JP-09057696-\$ or JP-09285813-\$ or JP-2001054895-\$ or JP-2005138130-\$ or JP-2005199319-\$ or JP-2006043804-\$ or JP-03216223-\$).did. or (SU-431016-\$ or JP-09057696-\$ or JP-11138219-\$ or JP-11300423-\$ or JP-2001054895-\$ or JP-2001162331-\$ or DE-20114860-U-\$ or KR-2002028031-\$ or RU-2183525-C-\$ or WO-2005039800-A-\$ or JP-2006043804-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 17:57
L40	22	39 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 17:57

4/ 21/ 2008 6:42:07 PM

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vibrating punch.wsp